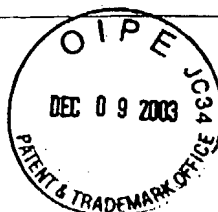


FORM PTO-1449 (modified)
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**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: Mark R. James

Application Serial No. 10/088,307

Filing Date: March 18, 2002

Date: December 9, 2003

Page 1 of 1

Examiner: H. Klemanski

Group Art Unit: 1755

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>HW</i>	AR 4,956,457	Sep 1990	Takayanagi	534	643	
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
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	KR					
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	NR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name		English Abstract		Translation Readily Available	
						Enclosed	No	Enclosed	No
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	TR								
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	VR								
	WR								
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OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR								
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Date Considered: 1-14-04

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.